

## Product datasheet for **AM33277PU-N**

### HIV-1 Gag Capsid protein p24 Mouse Monoclonal Antibody [Clone ID: B1436M]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B1436M
Applications:	CLIA, ELISA, WB
Recommended Dilution:	<b>CLIA.</b> <b>ELISA.</b> <b>Western blot.</b> <b>Lateral Flow Assay.</b> <b>ELISA:</b> This antibody (Clone B1436M) Can be used as Detection antibody in combination with Cat.-No AM00896PU-N (Clone BDI690).
Reactivity:	Human Immunodeficiency Virus 1
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody is specific for HIV-1 p24.
Formulation:	PBS (10mM Phosphate, 150mM Sodium Chloride, pH 7.4 ± 0.2) State: Purified State: Liquid purified Ig fraction from Ascites (> 90% pure) Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups : the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.

**Synonyms:**

HIV1, HIV-I, Human immunodeficiency virus type 1